



# Oak Glen Creek Stabilization



## Clean Water Funds: 2012

Clean Water Grant	\$339,700
Leveraged Funds*	\$85,000
Total Project Budget	\$424,700

\* Leveraged Funds include

### Targeted Water:

Oak Glen Creek and Mississippi River (impaired)

### Project Sponsor:

Anoka Conservation District

### Grant Period:

January 2012—December 2014

### Project Contact:

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C12-130 - Clean Water Assistance

## Project Narrative

Oak Glen Creek is immediately upstream of drinking water intakes for Minneapolis and St. Paul. When it rains, the runoff along Oak Glen Creek runs down bare soil cliffs that are 20 to 30 feet high, causing large amounts of sediment to erode into the creek and make its way to the Mississippi River. This corridor stabilization project will address multiple local and regional priorities and will benefit both cities source water protection efforts. Oak Glen Creek is also a part of the Mississippi River Critical Corridor and the project offers significant fish and wildlife habitat improvements.



The magnitude of the problem requires aggressive corrective measures. Grade stabilization cross vanes will be added to reduce in-stream erosion and direct flow to the center of the creek. Boulders will be placed at the toe of the slope on each side of the creek for the entire length of the channel. Where appropriate, the banks will be graded to a suitable slope and stabilized with erosion control fabrics and vegetation. Tree thinning and removal will allow sunlight to penetrate and promote the growth of new deep-rooted vegetation. It is estimated that this project will reduce sediment by 317 tons per year.

## Proposed Outcomes:

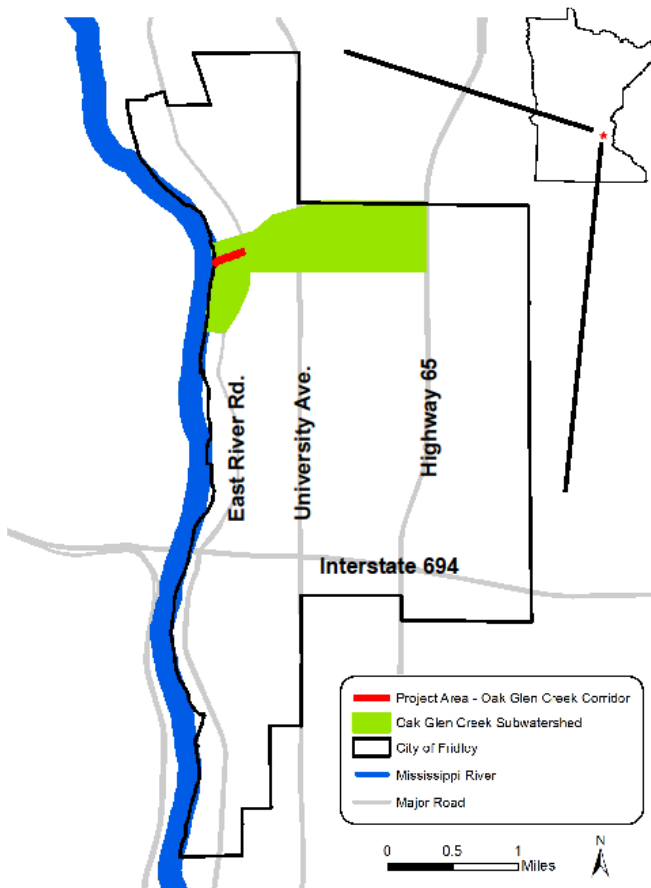
Stabilization of the Oak Glen Creek Corridor

Proposed Reductions: 317 tons/year Sediment

## Actual Outcomes:

Project in Progress

## Project Location — Oak Glen Creek Corridor Stabilization



## Oak Glen Creek Stabilization

Eroding stream banks pose hazard to adjacent homes and contribute large amounts of sediment to the Mississippi River.

